

PG Internship 2018 – 2019

Programme Name	Programme Code	Name of students undertaking field projects /internships/student projects	Link to the relevant document
MSc	-	VINODHINI V	
MSc	-	JERRY A	
MSc	-	CHANDRU V	
MSc	-	SANGEETHA P	
MSc	-	SATHIYA R	



**Sacred Heart College (Autonomous)
Tirupattur, Vellore (Dist)**

SUMMER INTERNSHIP PROGRAMME – 2018

CERTIFICATE

This is to certify that **Mr/Ms. V. Vinothini, I M.Sc. Biochemistry**, has undergone one month Summer Internship Programme in the *Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur* from 2nd May to 1st June 2018.

Dr. I. Niyas Ahamed
(Research Supervisor)

Dr. M. Jose
(Dean of Research)

Rev. Dr. D. Maria Antony Raj, SDB
(Principal)



**Sacred Heart College (Autonomous)
Tirupattur, Vellore (Dist)**

SUMMER INTERNSHIP PROGRAMME – 2018

CERTIFICATE

This is to certify that **Mr/Ms. V. Chandru, I M.Sc. Biochemistry**, has undergone one month Summer Internship Programme in the *Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur* from 2nd May to 1st June 2018.

Dr. I. Niyas Ahamed
(Research Supervisor)

Dr. M. Jose
(Dean of Research)

Rev. Dr. D. Maria Antony Raj, SDB
(Principal)



Sacred Heart College (Autonomous) Tirupattur, Vellore (Dist)

SUMMER INTERNSHIP PROGRAMME – 2018

CERTIFICATE

This is to certify that **Mr/Ms. A. Jerry, I M.Sc. Biochemistry**, has undergone one month Summer Internship Programme in the *Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur* from 2nd May to 1st June 2018.

Dr. I. Niyas Ahamed
(Research Supervisor)

Dr. M. Jose
(Dean of Research)

Rev. Dr. D. Maria Antony Raj, SDB
(Principal)



**Sacred Heart College (Autonomous)
Tirupattur, Vellore (Dist)**

SUMMER INTERNSHIP PROGRAMME – 2018

CERTIFICATE

This is to certify that **Mr/Ms. P. Sangeetha, I M.Sc. Biochemistry**, has undergone one month Summer Internship Programme in the *Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur* from **2nd May to 1st June 2018**.

Dr. I. Niyas Ahamed
(Research Supervisor)

Dr. M. Jose
(Dean of Research)

Rev. Dr. D. Maria Antony Raj, SDB
(Principal)



**Sacred Heart College (Autonomous)
Tirupattur, Vellore (Dist)**

SUMMER INTERNSHIP PROGRAMME – 2018

CERTIFICATE

This is to certify that **Mr/Ms. Sathya, I M.Sc. Biochemistry**, has undergone one month Summer Internship Programme in the *Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur* from 2nd May to 1st June 2018.

Dr. I. Niyas Ahamed
(Research Supervisor)

Dr. M. Jose
(Dean of Research)

Rev. Dr. D. Maria Antony Raj, SDB
(Principal)

PG PROJECT 2018 – 2019

Programme Name	Programme Code	Name of students undertaking field projects /internships/student projects	Link to the relevant document
MSc	BC02	INDHUMATHI M	
MSc	BC02	VINODHINI V	
MSc	BC02	SIVARANJANI D	
MSc	BC02	MASEEHA A	
MSc	BC02	NAGALAKSHMI S	
MSc	BC02	ANITHA M	
MSc	BC02	VISHNUPRIYA R	
MSc	BC02	JERRY A	
MSc	BC02	CHANDRU V	
MSc	BC02	SANGEETHA M	
MSc	BC02	SIVASANKARI M	
MSc	BC02	KASHIBA MUSARATH S	
MSc	BC02	RADHA A	
MSc	BC02	HASNA KOUSAR A W	
MSc	BC02	NOWRIN FATHIMA A	
MSc	BC02	SATHIYA R	
MSc	BC02	INDHUMATHI M	

CERTIFICATE

This to certify that the dissertation entitled **PHYTOCHEMICAL SCREENING OF AQUEOUS EXTRACT OF TAMARINDUS INDICA BARK AND ITS ANTIBACTERIAL ACTIVITY** submitted in partial fulfillment of the requirements for the award of the Degree of **Master Of Science In Biochemistry** is a record of bonafide research work carried out by **Ms. M. INDHUMATHI, (Reg. No. BP170901)** during the period 2017-19 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was subjected to **Similarity Index for Introduction, Result and Conclusion** using Turnitin Software.

M. A. C. Gomathi 30/3/19

Signature of Head of the Department
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 535 601.

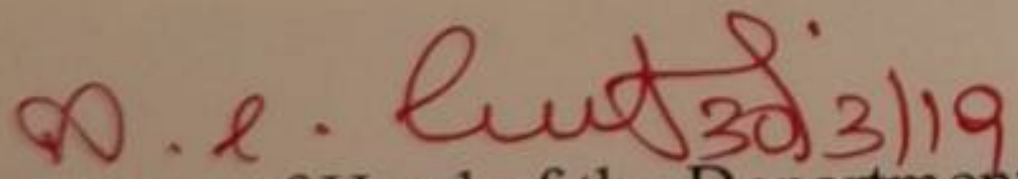
M. I. Indhumathi 30/3/19
Signature of the Guide

EXAMINERS

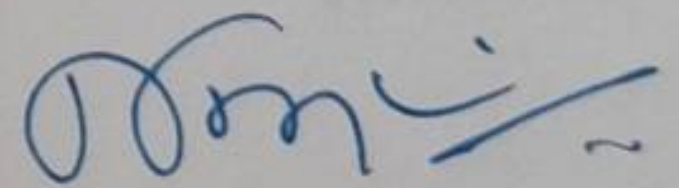
- Dr. Jay's 24/4/19*
- M. A. C. Gomathi 24/4/19*

CERTIFICATE

This is to certify that the dissertation entitled "UPGRADED ELIMINATION OF HEXAVALENT CHROMIUM BY ENTRAPPED FERROUS OXIDE NANOPARTICLES (FeO NPs) BEADS IN A BATCH EXPERIMENT" in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by **Ms. VINODHINI.V (REG. NO: BP170902)** during the period 2018-19 of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.


Signature of Head of the Department

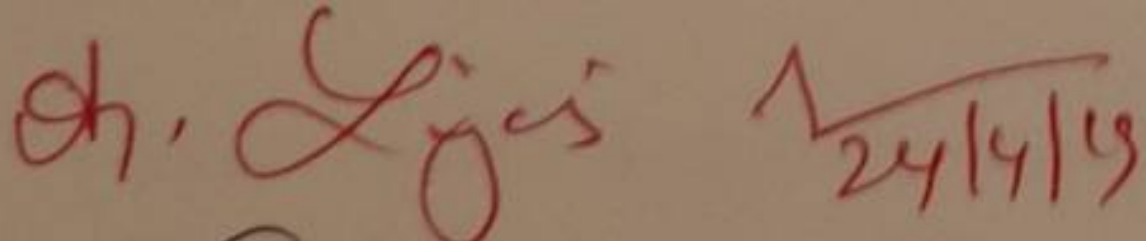
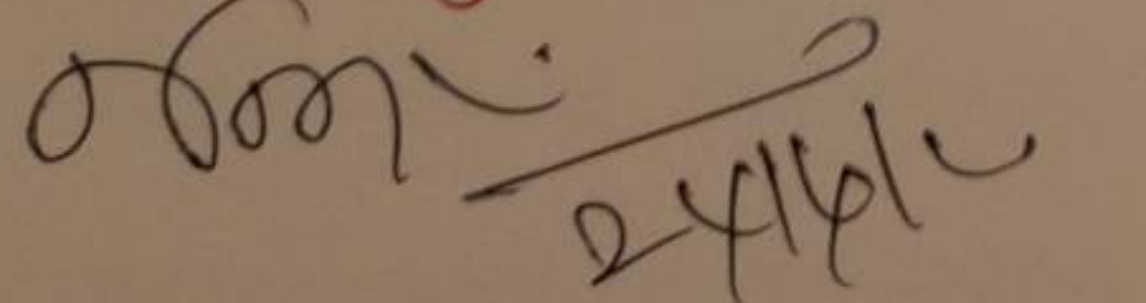
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
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Tirupattur, Vellore Dt. 635 601.



Signature of the Guide

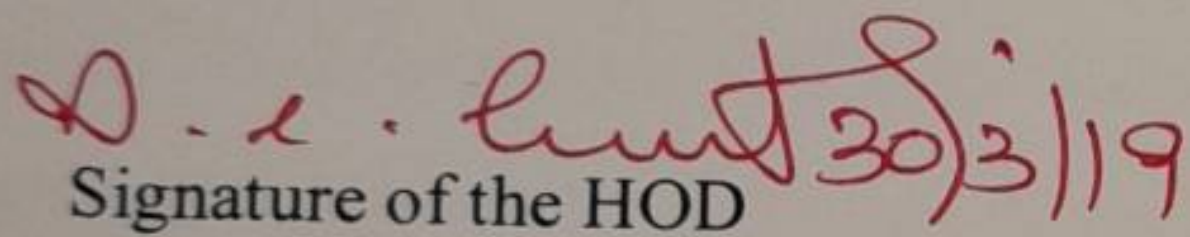
Dr. I. NIYAS AHAMED, M.Sc., M.Phil., Ph.D.
Assistant Professor & Supervisor,
PG & Research Department of Biochemistry,
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Tirupattur-635 601. Vellore Dist. (TN)

EXAMINERS

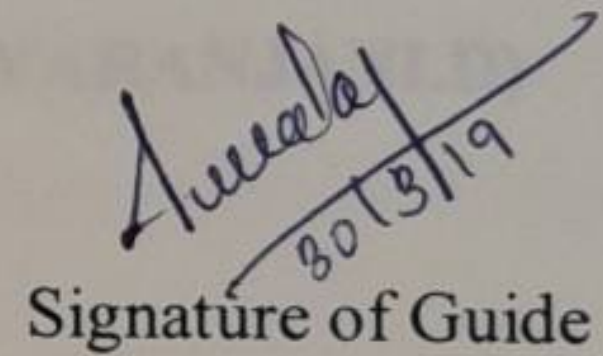
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24/4/19
2. 
24/4/19

CERTIFICATE

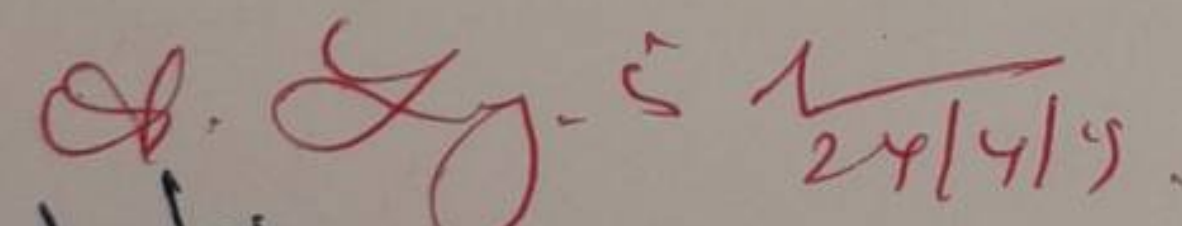
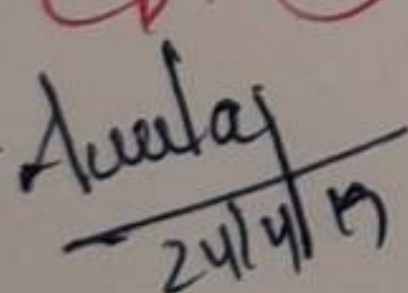
This is to certify that the dissertation, certified "ANALYSIS OF CHEMICAL COMPOSITION, ANTIMICROBIAL AND LARVICIDAL ACTIVITIES OF *PLECTRANTHUS AMBOINICUS* (LOUR.) AGAINST MOSQUITO VECTOR", submitted to the Sacred Heart College (Autonomous), Tirupattur in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of original research work done by Miss. D.SIVARANJANI (REG. NO: BP170903) during the period of 2017-2019 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree or other similar title to any candidate of any colleges and Universities.


Signature of the HOD

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
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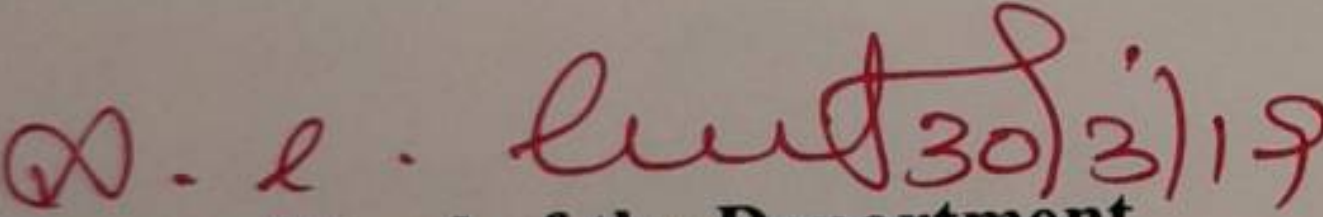

Signature of Guide

Dr. K. AMALA, M.Sc., M.Phil., Ph.D.,
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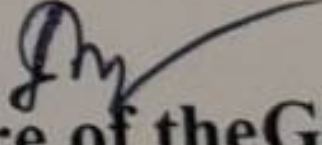
Examiner I - 
Examiner II - 

CERTIFICATE

This is to certify that the dissertation entitled "**EFFECT OF ZINC GLYCINATE ON SEED PRESOWING TREATMENT IN GREEN GRAM**" Submitted in partial fulfilment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. A. Maseeha, Reg. No. BP170904** during the period 2018 - 2019 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.

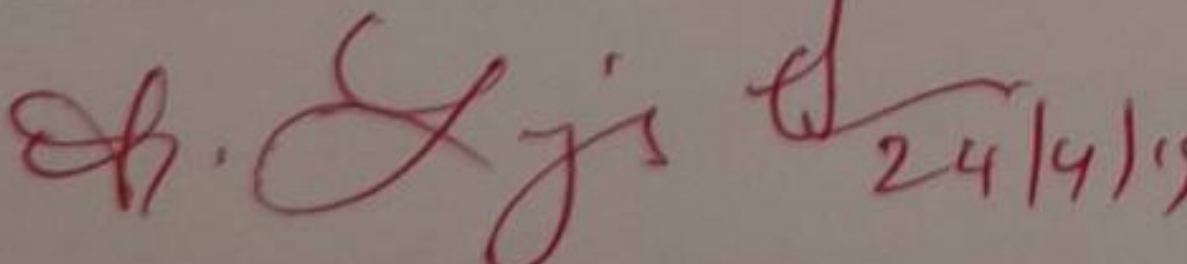

Signature of Head of the Department

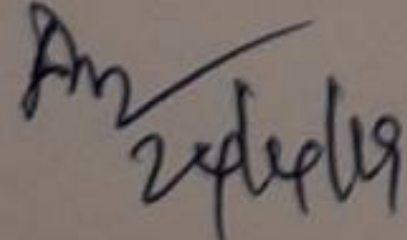
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
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Examiners

1.  24/4/19

2.  24/4/19

CERTIFICATE

This is to certify that the dissertation entitled, "**DETERMINATION OF MINIMUM INHIBITORY CONCENTRATION (MIC) AND PERCENTAGE GROWTH INHIBITION OF ESSENTIAL OILS AGAINST BACTERIAL PATHOGENS**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. S. Nagalakshmi, Reg. No. BP170905** during the period **2018 – 2019** of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, Discussion and Conclusion) by **Turnitin Software**.

M. S. Nagalakshmi
Signature of Head of the Department

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
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P. Saranraj
Signature of the Guide

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Assistant Professor of Microbiology,
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Tirupattur-635 601 Vellore Dt.

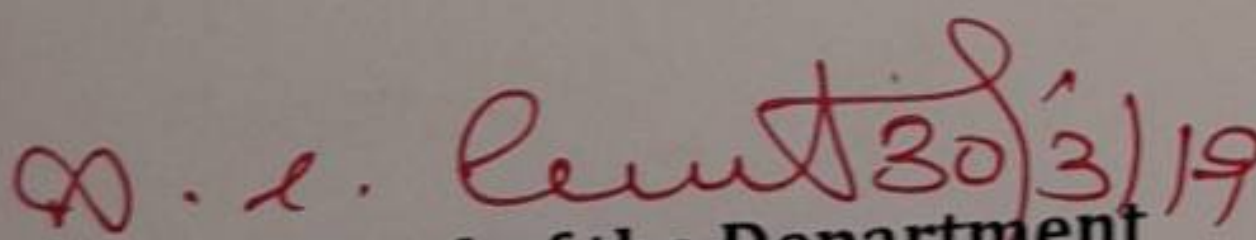
Examiners

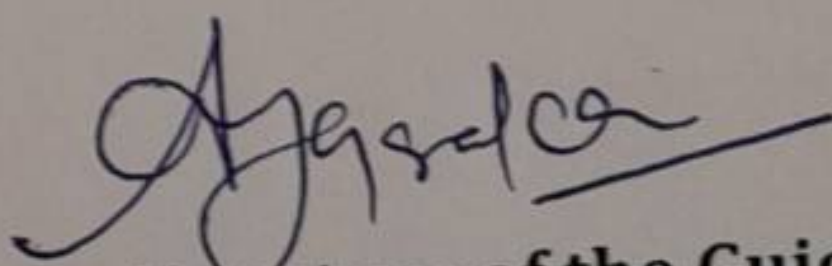
1. *Dr. S. S. S. S.*
24/4/19

2. *P. Saranraj*

CERTIFICATE

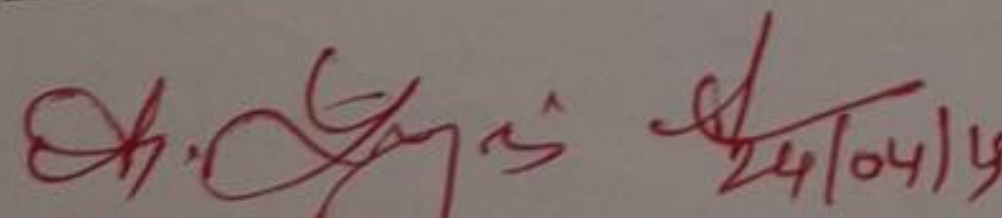
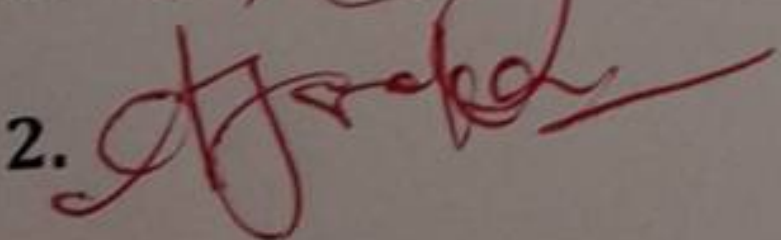
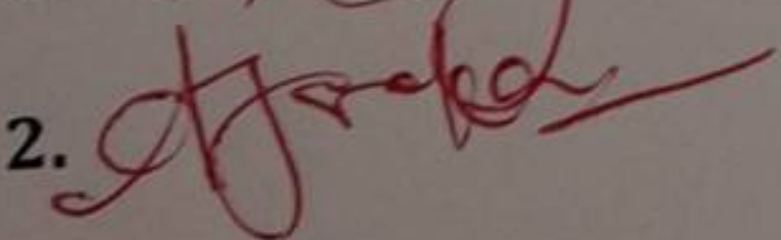
This is to certify that the dissertation entitled "ANTIULCERATIVE PROPERTY OF *BACILLUS SUBTILIS* AGAINST *VIBRIO HARVEYI*, A BACTERIAL PATHOGEN OF *LABEO ROHITA* (ROHU FISH)" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Ms. M. ANITHA** (Reg. No. BP170906) during the period **2018-19** of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by **Turnitin** software.


Signature of Head of the Department
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore DL 635 601.


Signature of the Guide

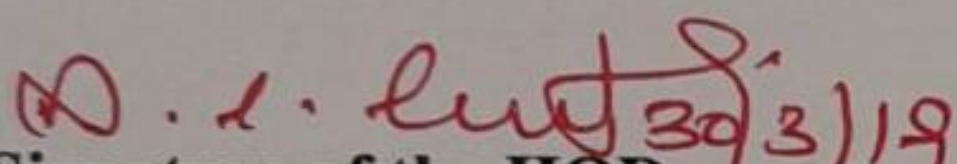
Dr. A. JAYAPRAKASH, M.Sc., M.Phil., Ph.D.
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601 Vellore Dt.

EXAMINERS

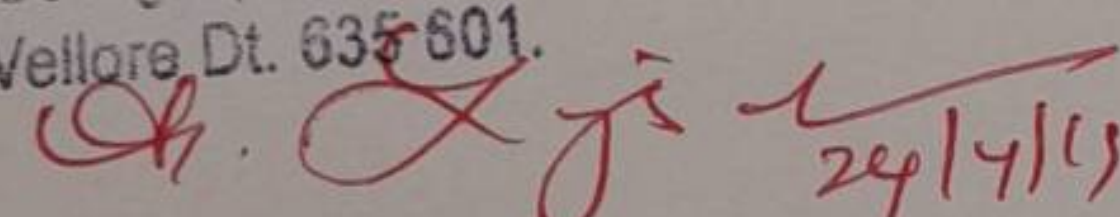
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CERTIFICATE

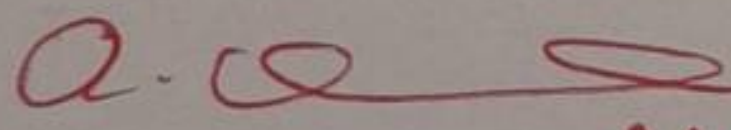
This is to certify that the dissertation, certified “**BIOSYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE NANOPARTICLES USING PLANTAIN FLOWER BRACT AND ITS ANTIBACTERIAL ACTIVITY**”, submitted to the Sacred Heart College (Autonomous), Tirupattur in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of original research work done by **VISHNUPRIYA.R (REG. NO: BP170907)** during the period of 2017-2019 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree or other similar title to any candidate of any colleges and Universities.

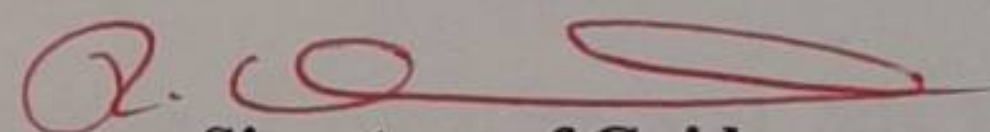

Signature of the HOD

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.

Examiner I -  24/4/19

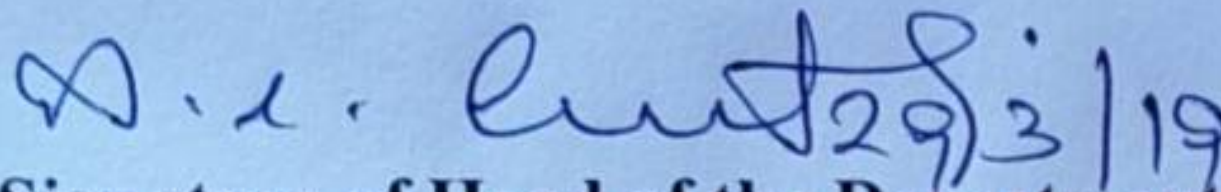
Examiner II -


24/4/19

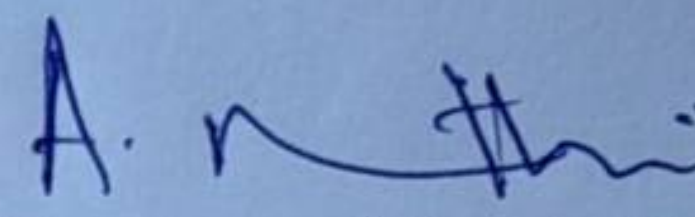

Signature of Guide

CERTIFICATE

This is to certify that the dissertation entitled, "**WOUND HEALING EFFECT OF TRICHOME OF *Borassus flabellifer* IN EXCISION WOUND MODEL**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. A. JERRY, (Reg. No BP170908)** during the period 2018 -2019 of his study in the PG & Research Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to Similarity Index for Introduction, Results and Discussion and Conclusion using **Turnitin** Software.

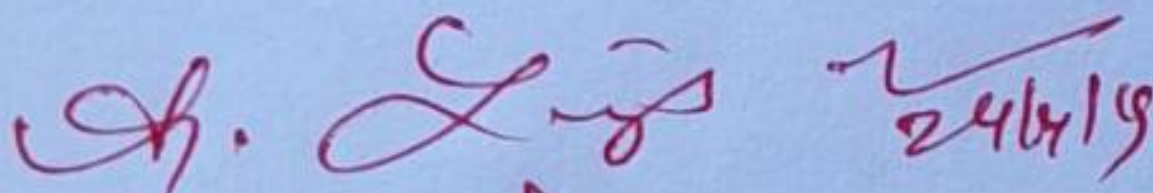
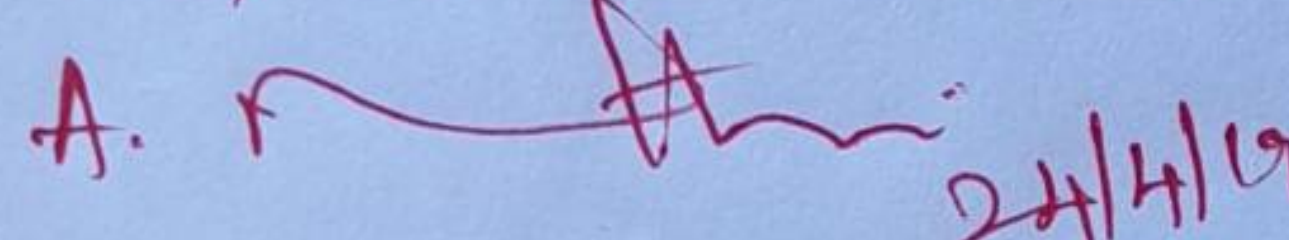

Signature of Head of the Department

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 835 001.


Signature of the Guide

Dr.A. POONGOTHAI, M.Sc., Ph.D.,
Asst. Professor & Supervisor,
PG & Research Dept. of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dist. 635 601.

Examiners

1.  24/4/19
2.  24/4/19

CERTIFICATE

This is to certify that the dissertation entitled, "Pilot study on reuse of sanitary water from Tirupattur (Ananthenari) lake for agriculture – by using activated carbon" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mr. V.CHANDRU**, Reg. No **BP170909** during the period 2018 -2019 of his study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to **Similarity Index for Introduction, Results and Discussion and Conclusion** using Turnitin Software.

A. C. Gomathi
20/12/19

Signature of Head of the Department

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
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V. Durga Devi

Signature of the Guide

Dr. V. DURGA DEVI, M.Sc., Ph.D
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601 Vellore Dt.

Examiners

1. *A. D. S.* 24/4/19
2. *V. D.* 24/4/19

CERTIFICATE

This is to certify that the dissertation, certified "BIOSYNTHESIS AND CHARACTERIZATION OF ZINC OXIDE NANOPARTICLES USING WATERMELON (*Citrullus lanatus*) PEEL EXTRACT", submitted to the Sacred Heart College (Autonomous), Tirupattur in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of original research work done by Mrs. M. SANGEETHA, (REG. NO: BP160910) during the period of 2017-2019 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree or other similar title to any candidate of any colleges and Universities.

M. A. C. Gomathi 3/1/19
Signature of the HOD

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.

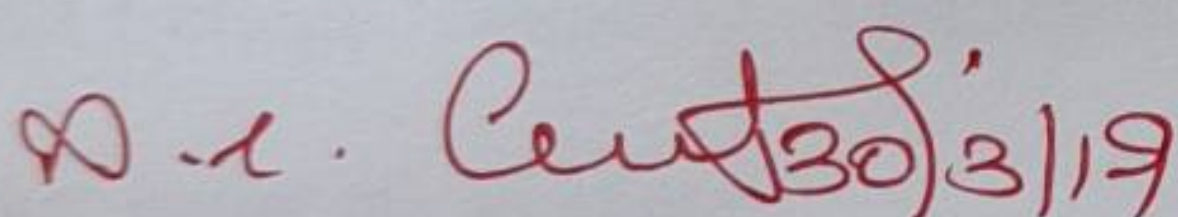
M. P. Dural
Signature of Guide

Dr. M. Fernandus Dural
M.Sc., M.Phil., B.Ed., Ph.D., CIC,
Asst. Professor,
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Sacred Heart College,
Tirupattur-635 601. Vellore Dt.

Examiner I - *M. Sangeetha* 24/1/19
Examiner II - *M. P. Dural*

CERTIFICATE

This is to certify that the dissertation entitled, "**Qualitative and Quantitative Phytochemical Analysis and Antibacterial Activity of papayasayanam Extract of *Carica papaya* Straw**" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Mrs. M. Sivasankari, Reg. No BP170911** during the period 2018 - 2019 of his study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to Similarity Index for Introduction, Results and Discussion and Conclusion using **Turnitin** Software.



Signature of Head of the Department

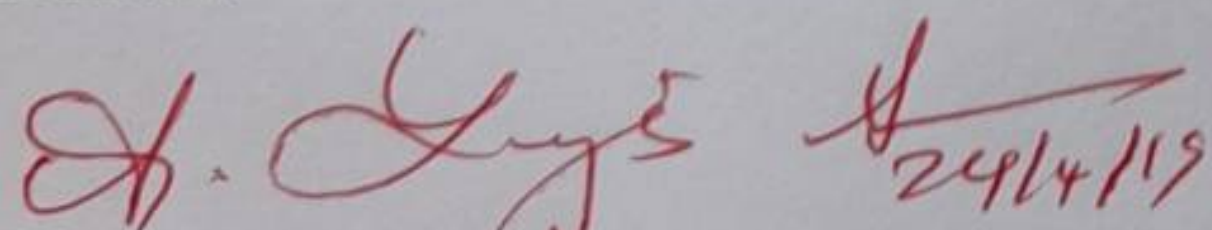
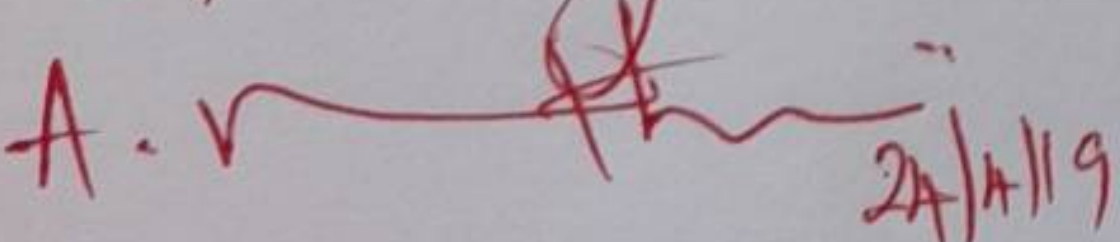
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
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Tirupattur, Vellore Dt. 635 601.



Signature of the Guide

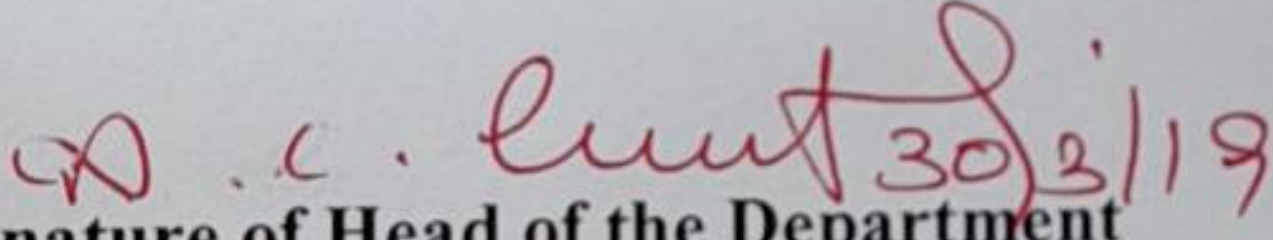
Dr. A. POONGOTHAI, M.Sc., Ph.D.,
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PG & Research Dept. of Biochemistry
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Examiners

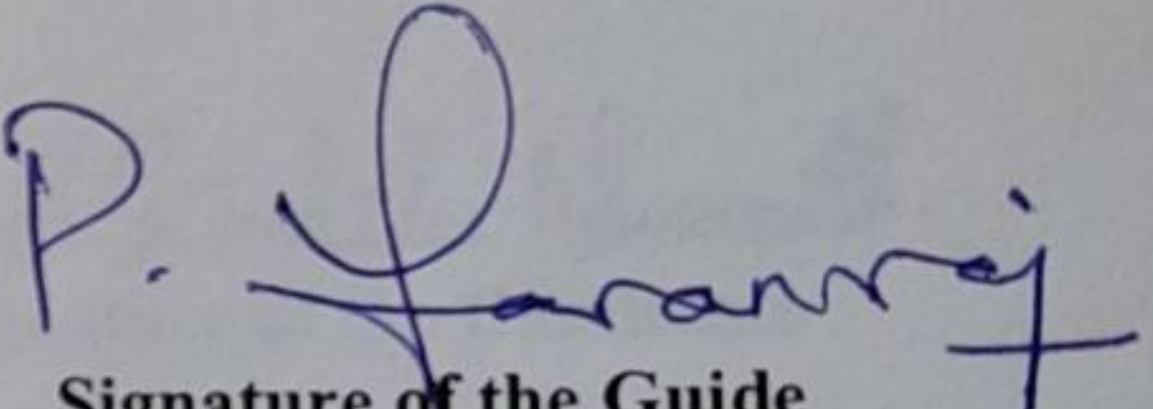
1.  24/4/19
2.  24/4/19

CERTIFICATE

This is to certify that the dissertation entitled, "EFFECT OF SEASONAL VARIATIONS ON THE BACTERIAL ENTERIC COLIFORM POPULATION AND POTABILITY OF DRINKING WATER COLLECTED FROM DIFFERENT LOCATIONS OF VELLORE DISTRICT, TAMIL NADU, INDIA" submitted in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by Ms. S. KASHIBA MUSARATH, Reg. No. BP170913 during the period 2018 – 2019 of her study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, Discussion and Conclusion) by Turnitin Software.

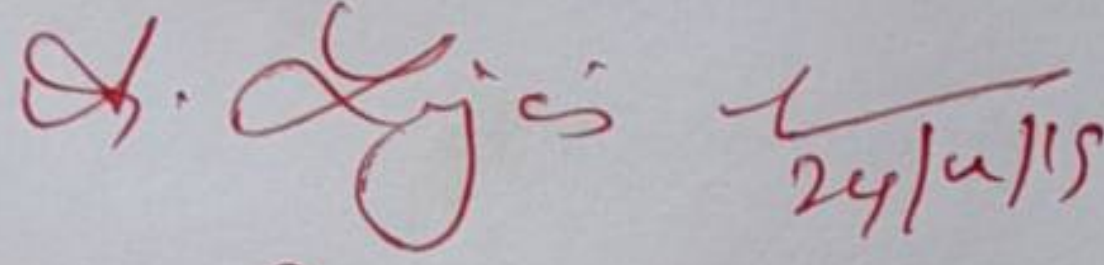
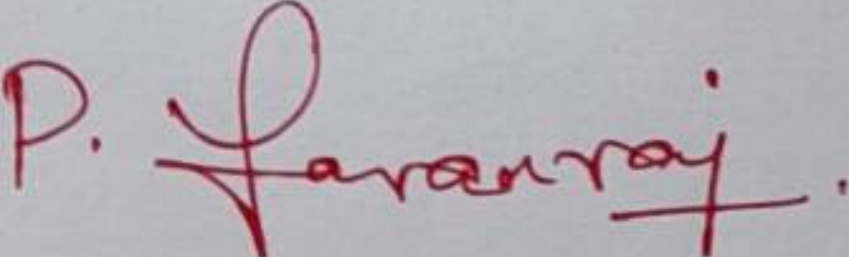

Signature of Head of the Department

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.


Signature of the Guide

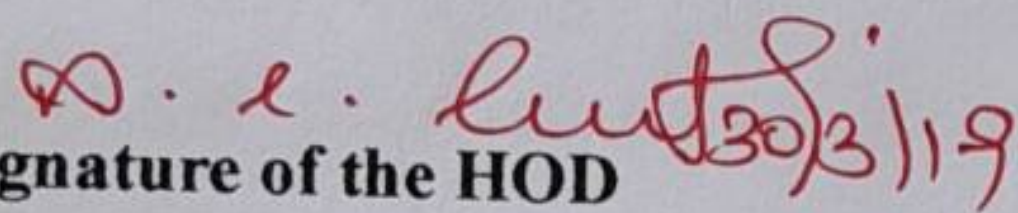
Dr. P. SARANRAJ, M.Sc., M.Phil., Ph.D
Assistant Professor of Microbiology,
Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur-635 601 Vellore Dt.

Examiners

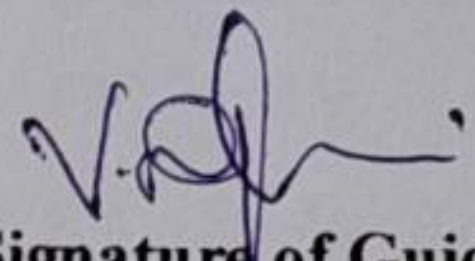
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CERTIFICATE

This is to certify that the dissertation, certified "Anti - angiogenic efficacy of Methanolic extract of *Spyridia fusiformis* by chick Chorioallantoic Membrane (CAM) Assay", submitted to the Sacred Heart College (Autonomous), Tirupattur in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of original research work done by A.RADHA (REG. NO: BP170914) during the period of 2017-2019 of her study in the PG & Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree or other similar title to any candidate of any colleges and Universities.

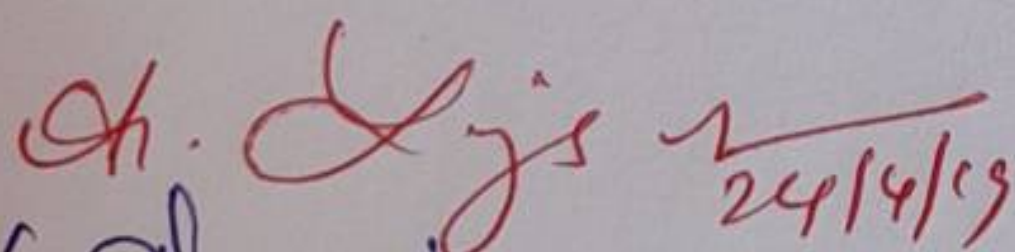
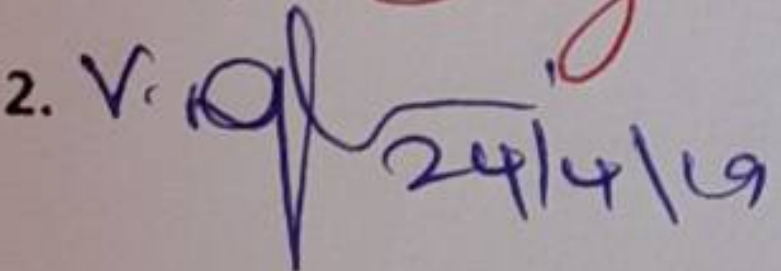

Signature of the HOD

Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601,


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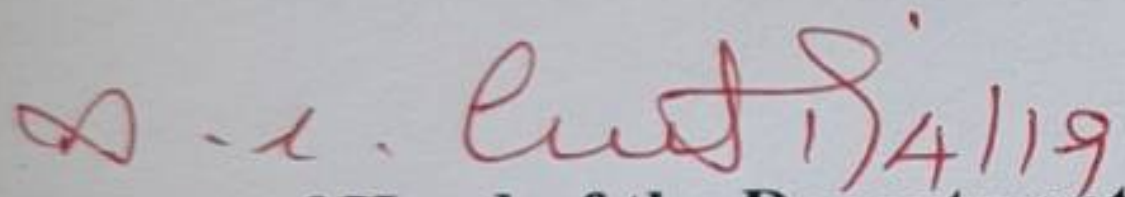
Dr. V. DURGA DEVI, M.Sc., Ph.D
Assistant Professor,
Department of Biochemistry,
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Tirupattur-635 601 Vellore Dt.

Examiners

1.  24/4/19
2.  24/4/19

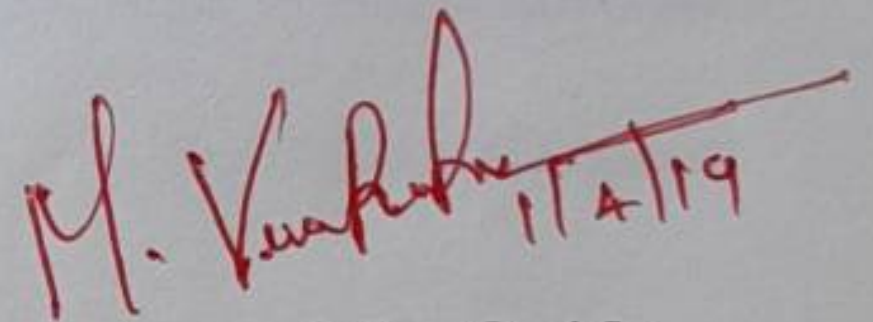
CERTIFICATE

This is to certify that the dissertation entitled, "LARVICIDAL ACTIVITY OF HERBAL SOLVENT EXTRACTS AND ANALYSIS OF ITS BIOACTIVE COMPOUNDS" submitted in partial fulfillment of the requirements for the award of the Degree of **Master of Science in Biochemistry** is a record of bonafide research work carried out by **Miss. A.W. Hasna Kousar, Reg. No BP170915** during the period 2017 - 2019 of her study in the Department of Biochemistry at Sacred Heart College, (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University. Also, the project was submitted to Similarity Index for Introduction, Results and Discussion and Conclusion using **Turnitin Software**.



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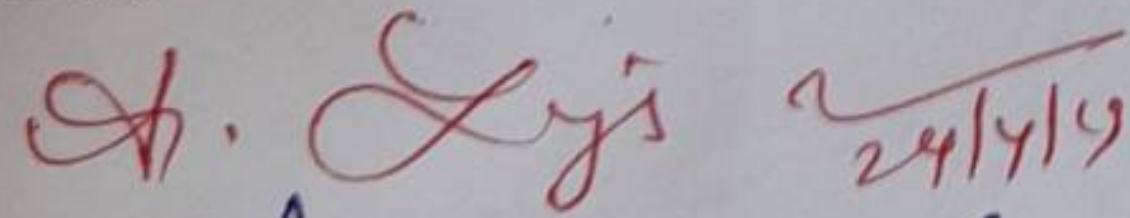
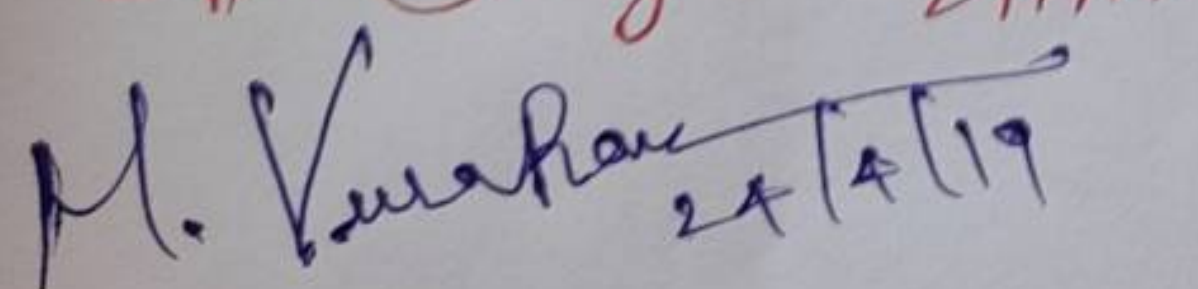
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.



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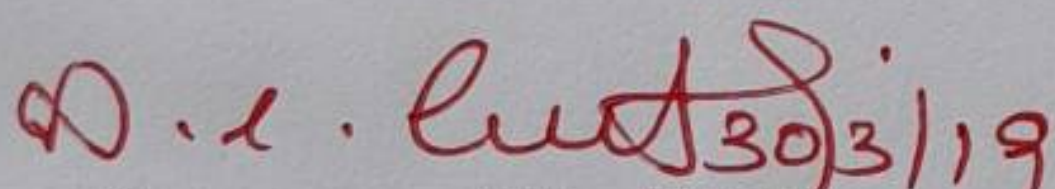
Dr. M. VEERARAGAVAN, M.Sc., M.Phil., M.T., B.Ed., Ph.D.,
ASSISTANT PROFESSOR
P.G. & RESEARCH DEPARTMENT OF BIOCHEMISTRY
SACRED HEART COLLEGE (AUTONOMOUS)
TIRUPATTUR- 635601, VELLORE DISTRICT.

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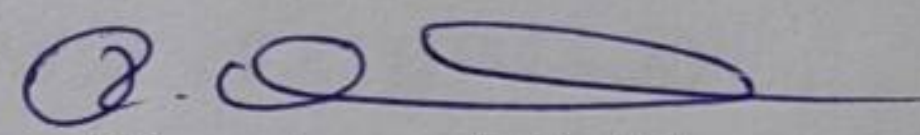
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CERTIFICATE

This is to certify that the dissertation, certified **“PRELIMINARY PHYTOCHEMICAL SCREENING OF AQUEOUS EXTRACT OF PLANTAIN FLOWER BRACT AND ITS ANTIOXIDANT ACTIVITY”**, submitted to the Sacred Heart College (Autonomous), Tirupattur in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of original research work done by **Ms. A. NOWRIN FATHIMA (REG.NO: BP170916)** during the period of 2017-2019 of his study in the Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree or other similar title to any candidate of any colleges and Universities.

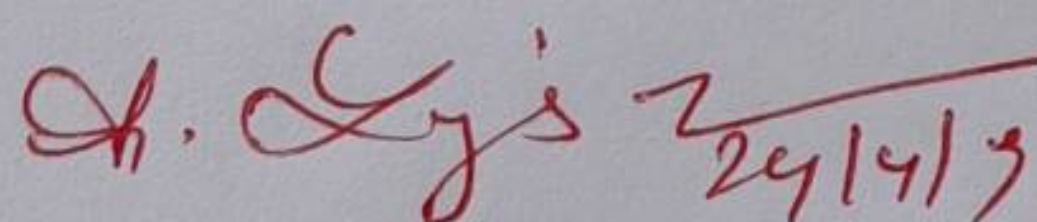

Signature of the HOD

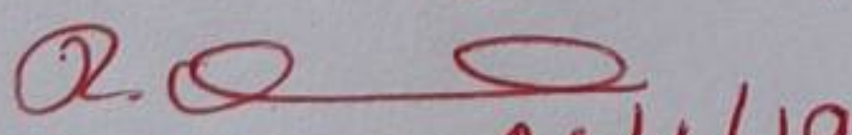
Mrs. A.C. Gomathi, M.Sc., M.Phil., B.Ed.,
PG. Head, Department of Biochemistry,
Sacred Heart College (Autonomous)
Tirupattur, Vellore Dt. 635 601.


Signature of Guide

Examiner I -

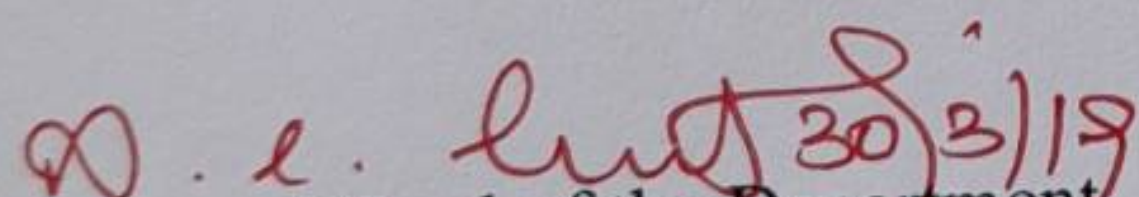
Examiner II -


29/4/19

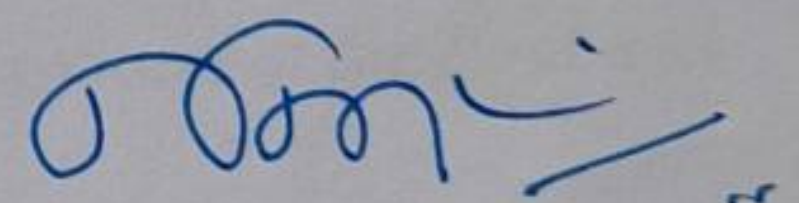

24/4/19

CERTIFICATE

This is to certify that the dissertation entitled **“IMPROVED REMOVAL OF HEXAVALENT CHROMIUM BY IMMOBILIZED FERROUS OXIDE NANOPARTICLES WITH SPECIAL REFERENCE TO VARIABLE P^H”** in partial fulfillment of the requirements for the award of the Degree of Master of Science in Biochemistry is a record of bonafide research work carried out by **Ms. R. SATHIYA (REG. NO: BP170917)** during the period 2018-19 of her study in the PG and Research Department of Biochemistry at Sacred Heart College (Autonomous), Tirupattur, under my supervision and guidance and that no part of this dissertation has been submitted for the award of any other Degree, Diploma, Fellowship or other similar titles to any candidate in any University and also checked for Similarity index (Introduction, Results, discussion and conclusion) by Turnitin software.

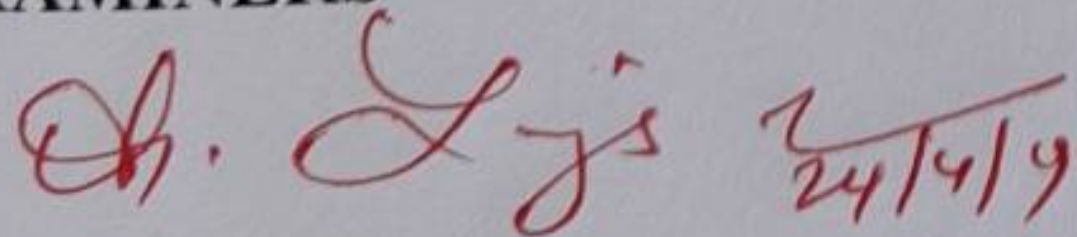

Signature of Head of the Department

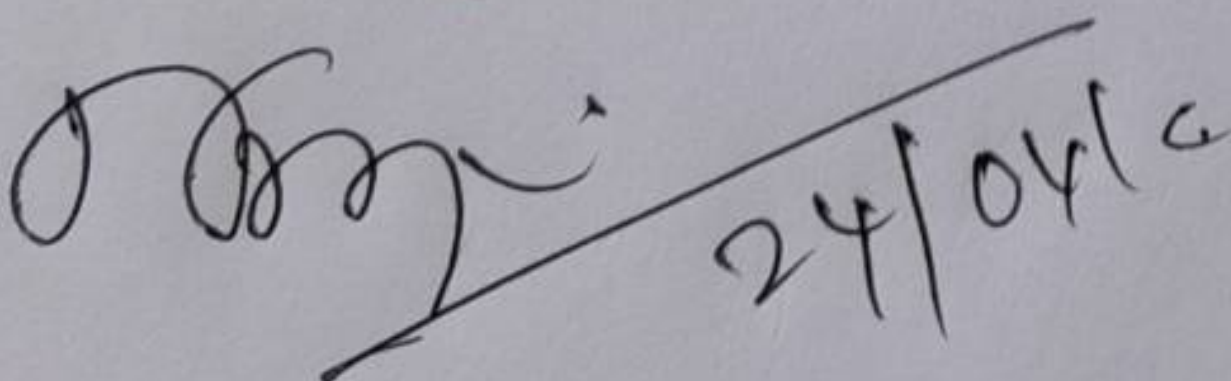
Mrs.
PG. Head, Department of Biochemistry,
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Signature of the Guide

Dr. I. NIYAS AHAMED, M.Sc., M.Phil., Ph.D.
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EXAMINERS

1.  24/4/19

2.  24/04/19